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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME III. No. 10 McKEE PRINT. October, 1955

Production of crude oil and condensate from the oil and gas areas of Montana for the month of October, 1955, averaged 38,619 barrels daily, a decrease of 581 barrels from the average September production of 39,200.

The nine refineries in the State processed 47,329 barrels of crude oil daily for the month of October, a decrease of 7,794 barrels daily from the 55,123 barrels processed daily during the month of September.

During October, 50 wells were completed, 18 oil, 3 gas wells and 29 dry holes.

During October, the Commission issued 55 permits to drill new wells, an increase of 24 from the 31 permits issued during September.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF OCTOBER, 1955

IN STORAGE OCTOBER 1st:	
By Producers	270,646
By Transporters	345,636
By Refiners	627,245
TOTAL STORAGE	1,243,527
Produced in Montana During Month	1,197,205
Imported During Month	856,054
TOTALS	3,296,786
DISPOSITION:	
Refined in Montana	1,467,217
Exported	188,898
Used for Fuel or Lots	15,758
TOTALS	1,671,873
IN STORAGE OCTOBER 31st:	
By Producers	300,081
By Transporters	533,110
By Refiners	791,722
TOTAL STORAGE	1,624,913

NATURAL GAS WITHDRAWALS IN MONTANA

Month of October, 1955

Field	M Cu. Ft.
Bears Den	643
Bowdoin	415,937
Bowes	48,136
Box Elder	15,340
Cedar Creek	312,902
Cut Bank (Includes Reagan)	880,764
Devon	0
Dry Creek	164,290
East Poplar	0
Elk Basin	30,803
Golden Dome	32,565
Hardin	6,501
Keith Block	131,063
Kevin-Sunburst	71,601
Utopia	23,221
Whitlash Area	97,526
Miscellaneous	16,909
TOTAL	2,248,201

Total withdrawals for October, 1954 were 2,512,091 M Cu. Ft.

PRODUCERS REPORT
MONTH OF OCTOBER, 1955

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,495	4,235	.....	4,460	.....	1,270
2	Bannatyne	2	351	149	.....	149	.....	351
10	Big Wall	27	5,239	28,144	.....	28,681	.....	4,702
3	Border	7	.....	1,103	.....	1,103	.....	.....
10	Bowes	74	3,745	35,358	34,919	.....	.....	4,184
1	Brady-Midway	1	239	94	.....	197	.....	136
2	Bredette	2	950	6,501	.....	5,035	108	2,308
1	Brorson (Sidney Area)	2	2,460	3,408	2,266	.....	.....	3,602
1	Cabin Creek	17	3,738	60,898	57,200	.....	735	6,701
29	Cat Creek	89	5,007	14,657	12,295	.....	.....	7,369
1	Clark's Fork	1	1,008	767	.....	973	.....	802
1	Cupton	1	509	3,425	.....	3,303	146	485
333	Cut Bank	1,113	110,114	226,478	220,764	.....	210	115,618
3	Deer Creek	6	1,424	16,033	14,122	.....	.....	3,335
....	Devil's Basin	.....	757	.....	.....	.....	.....	757
6	Dry Creek	7	955	15,727	14,769	.....	.....	1,913
20	Elk Basin	58	8,503	88,541	90,191	.....	.....	6,853
3	Fertile Prairie	4	868	3,291	.....	2,040	201	1,918
2	Frannie	2	515	1,162	1,153	.....	.....	524
1	Gage	1	307	235	.....	.....	.....	542
1	Gas City	1	945	4,575	4,109	.....	130	1,281
5	Glendive	12	3,322	47,228	45,090	.....	.....	5,460
1	Golden Dome	1	204	198	.....	.....	.....	402
1	Hardin Area	3	1,399	3,083	.....	3,567	.....	915
1	Ivanhoe Dome	2	661	2,523	.....	2,635	.....	549
227	Kevin-Sunburst	1,464	15,771	94,407	93,303	.....	5	16,870
1	Lake Basin	1	120	77	.....	.....	.....	197
1	Little Beaver	3	4,135	4,434	.....	5,951	.....	2,618
2	East Little Beaver	2	2,155	2,164	.....	1,392	.....	2,927
3	Melstone	5	1,449	5,728	.....	4,832	.....	2,345
2	Mosser	4	.....	832	.....	832	.....	.....
2	Pennel	2	1,913	4,327	.....	3,784	.....	2,456
2	Pine Unit Area	35	27,502	50,384	52,829	.....	3,551	21,506
71	Pondera	308	7,468	50,536	49,882	.....	.....	8,122
63	Poplar Area	66	22,476	215,657	155,898	47,420	2,134	32,681
4	Northwest Poplar	5	1,404	2,615	.....	2,411	.....	1,608
2	Ragged Point	3	1,781	1,294	.....	2,455	.....	620
1	Rattlesnake Butte	1	278	47	.....	.....	.....	325
3	Reagan	42	2,582	21,257	20,392	.....	.....	3,447
5	Richey	8	3,689	9,732	.....	7,765	.....	5,656
5	Soap Creek	11	2,725	12,108	.....	12,217	.....	2,616
1	Southwest Richey	3	1,239	4,618	.....	4,207	.....	1,650
19	Sumatra	51	10,850	127,964	.....	124,968	.....	13,846
4	Sweetgrass Hills	4	756	569	.....	439	.....	886
9	Whitlash	23	5,560	11,526	10,231	1,695	.....	5,160
1	Wibaux Area	1	108	1,816	.....	1,183	.....	741
1	Wolf Springs	1	1,149	6,127	.....	6,133	.....	1,143
1	Woodrow	1	525	393	447	.....	.....	471
1	Yellowstone	1	296	138	.....	354	.....	80
1	West Pendroy (Bynum)	1	.....	642	.....	509	.....	133
871		3,483	270,646	1,197,205	879,860	280,690	7,220	300,081

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1954	14,195,447	38,892	14,095,481	38,618
First Quarter, 1955	3,984,702	44,274	3,964,504	44,050
Second Quarter, 1955	3,957,911	43,493	3,943,402	43,334
Third Quarter, 1955	3,754,866	40,813	3,732,430	40,569
October, 1955	1,197,205	38,619	1,160,550	37,437

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December 31, 1954	268,121	418,111	656,194	1,342,426
March 31, 1955	259,079	428,250	541,857	1,229,186
June 30, 1955	260,808	338,382	489,011	1,088,201
September 30, 1955	270,646	345,636	627,245	1,243,527
October 31, 1955	300,081	533,110	791,722	1,624,913

*Includes Wyoming Oil

TRANSPORTER'S REPORT
MONTH OF OCTOBER, 1955

	Storage First of Month	OIL RECEIVED BY Pipeline	Truck	Connecting Carrier	Loss or Gain	OIL SHIPPED TO Montana	Other States	Connecting Carriers	Storage End of Month
ASH CREEK—Trucks			4,460				4,460		
BANNATYNE—Trucks			149				149		
BIG WALL—Trucks	2,024		28,681			13,138	15,223		2,344
BORDER—Trucks			1,103			1,103			
BOWES—									
Northern Pump Company	813	8,324			(35)		7,967		1,205
The Texas Company	1,226	26,595				23,895	3,636		290
	2,039	34,919			(35)	23,895	11,603		1,495
BRADY-MIDWAY—Trucks			197				197		
BREDETTE—Trucks			5,035				5,035		
BRORSON—Sun Oil Company		2,266					2,266		
CABIN CREEK, GAS CITY, PINE and POPLAR—									
Butte Pipe Line Company	85,733	120,165		68,915	1,323		52,135		221,355
CAT CREEK—									
Continental Oil Company	8,799	7,508			34	7,279			8,994
Wm. Hanlon		4,787				4,787			
	8,799	12,295			34	12,066			8,994
CLARK'S FORK—Trucks			973				973		
CUPTON—Trucks			3,303				3,303		
CUT BANK—									
Darling Gathering System, Inc.	5,872	27,972				29,263			4,581
Phillips Petroleum Company	27,540	46,644			858	46,275		10,539	16,512
The Texas Pipe Line Company	75,024	45,060		48,504	227	60,206		11,399	96,756
Toronto Pipe Line Company	26,547	59,539			536			60,527	25,023
Union Oil Company	53,001	41,544		33,961	1,781	36,797			89,928
	187,984	220,759		82,465	3,402	172,541		82,465	232,800
DRY CREEK—Ohio Oil Company	8,201	14,770			119	12,495			10,357
ELK BASIN—Ohio Oil Company		90,191				63,002	27,189		
FERTILE PRAIRIE—Trucks			2,040				2,040		
FRANNIE—Ohio Oil Company		1,153					1,153		
GLENDIVE AREA—									
The Texas Pipe Line Company	7,800	59,662			1,296	65,355			811
HARDIN AREA—Trucks			3,567				3,567		
IVANHOE DOME—Trucks			2,635			2,635			
KEVIN-SUNBURST—									
Big West Oil Company	2,142	42,417				42,561			1,998
Homestake Oil & Gas Co.	1,243	4,073				5,287			29
The Texas Pipe Line Co.	8,981	45,098		1,651	430	45,430			9,870
Anna Aronow	101	1,692						1,651	142
	12,467	93,280		1,651	430	93,278		1,651	12,039
LITTLE BEAVER—Shell Oil Co.			5,951			5,951			
EAST LITTLE BEAVER—									
Shell Oil Company			1,392			1,392			
MELSTONE—Trucks	1,537		4,832			4,689			1,680
MOSSER—Trucks			832			832			
PENNEL—Trucks			3,784			3,784			
PONDERA—Phillips Petroleum Co.	7,013	50,033			1,652	47,210			8,184
POPLAR—									
East Poplar Gathering System	19,271	155,898			2,483	74,370		68,915	29,401
Trucks			47,420			1,698	45,722		
	19,271	155,898	47,420		2,483	76,068	45,722	68,915	29,401
NORTHWEST POPLAR—Trucks			2,411		239	506	1,666		
RAGGED POINT—Trucks	1,085		2,455			2,456			1,084
REAGAN—Union Oil Company		20,392				20,392			
RICHEY—Shell Oil Company			7,765			7,765			
SOUTHWEST RICHEY—									
Shell Oil Company			4,207			4,207			
SOAP CREEK—Trucks			12,217				12,217		
SWEETGRASS HILLS—									
Homestake Oil & Gas Co.	984	1,553		8,325		9,347			1,515
Western Natural Gas Co.	699	8,677						8,325	1,051
Trucks			2,134			2,134			
	1,683	10,230	2,134	8,325		11,481		8,325	2,566
SUMATRA—Trucks			124,968		266	124,702			
WEST PENDROY—Trucks			509			509			
WIBAUX—Trucks			1,183			1,183			
WOLF SPRINGS—Trucks			6,133			6,133			
YELLOWSTONE—Trucks			354			354			
TOTALS	345,636	886,013	280,690	161,356	11,209	779,122	188,898	161,356	533,110

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF OCTOBER, 1955

FIELDS	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Pet Co.	The Texas Co.	Union Oil Co.	Total by Fields
Big Wall	.....	14,054	.....	.....	.....	.....	.....	.....	.....	14,054
Border	.....	.....	.....	.....	.....	.....	.....	461	.....	461
Bowes	.....	.....	.....	20,173	.....	.....	.....	.....	.....	20,173
Brady-Midway	.....	.....	.....	.....	.....	.....	197	.....	.....	197
Cat Creek	.....	.....	7,252	.....	.....	12,770	.....	.....	.....	20,022
Cut Bank	14,216	.....	.....	.....	.....	.....	46,286	21,483	38,972	120,957
Dry Creek	.....	.....	.....	.....	12,324	.....	.....	.....	.....	12,324
Elk Basin	.....	43,913	19,089	.....	.....	.....	.....	.....	.....	63,002
Glendive Area	.....	.....	.....	.....	66,691	.....	.....	.....	.....	66,691
Ivanhoe Dome	.....	.....	.....	.....	2,640	.....	.....	.....	.....	2,640
Kevin-Sunburst	52,894	.....	.....	.....	.....	.....	.....	1,527	.....	54,421
Lake Basin	.....	.....	.....	.....	210	.....	.....	.....	.....	210
Little Beaver	.....	.....	5,301	.....	.....	.....	.....	.....	.....	5,301
East Little Beaver	.....	.....	713	.....	.....	.....	.....	.....	.....	713
Melstone	.....	.....	.....	.....	1,427	3,802	.....	.....	.....	5,229
Mosser	.....	.....	.....	.....	832	.....	.....	.....	.....	832
Pennel	.....	.....	2,716	.....	.....	.....	.....	.....	.....	2,716
Pondera	.....	.....	.....	.....	.....	.....	50,014	.....	.....	50,014
Poplar	.....	.....	.....	.....	.....	.....	.....	25,836	.....	25,836
Ragged Point	.....	2,456	.....	.....	.....	.....	.....	.....	.....	2,456
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	20,932	20,932
Richey	.....	.....	9,001	.....	.....	.....	.....	.....	.....	9,001
Southwest Richey	.....	.....	5,200	.....	.....	.....	.....	.....	.....	5,200
Sumatra	.....	83,545	1,147	.....	45,984	.....	.....	.....	.....	130,676
Sweetgrass Hills	340	.....	.....	.....	.....	.....	.....	1,583	1,695	3,618
Wolf Springs	.....	6,195	.....	.....	.....	.....	.....	.....	.....	6,195
Yellowstone	.....	.....	.....	.....	354	.....	.....	.....	.....	354
West Pendroy	.....	.....	.....	.....	.....	.....	509	.....	.....	509
Total Montana Oil	67,450	150,163	50,419	20,173	130,462	16,572	97,006	50,890	61,599	644,734
South Dakota Oil Imported	.....	.....	1,401	.....	.....	.....	.....	.....	.....	1,401
Wyoming Oil Imported	.....	365,451	118,509	.....	337,122	.....	.....	.....	.....	821,082
Total Montana, South Dakota and Wyoming Oil	67,450	515,614	170,329	20,173	467,584	16,572	97,006	50,890	61,599	1,467,217

AVERAGE BARRELS PER DAY	Montana	So. Dakota	Wyoming	TOTAL
Year 1954	24,752	25	29,768	54,545
October 1954	17,115	28	22,090	39,233
October 1955	20,798	45	26,486	47,329

PERCENTAGE OF CRUDE REFINED	Montana	So. Dakota	Wyoming
	45.37%	.06%	54.57%
	43.62%	.07%	56.31%
	43.94%	.10%	55.96%